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(54) Title: PROCESS FOR PURIFYING BISPHENOL-A

(57) Abstract: Bisphenol-A is purified in a process which comprises the following steps: a) cooling a liquid mixture comprising bisphenol-A and water in a bisphenol-A crystallizer to form bisphenol-A crystals in a liquid phase; b) separating the bisphenol-A crystals from the liquid phase; c) dividing at least a portion of the liquid phase into a bisphenol-rich organic phase and a water-rich phase; d) feeding phenol and at least a portion of the bisphenol-rich organic phase into an adduct crystallizer to form a crystalline adduct of phenol and bisphenol-A in a mother liquor; and e) separating the crystalline adduct from the mother liquor. Bisphenol-A of high purity at a high yield is obtained.

INTERNATIONAL SEARCH REPORT

International Application No.

/US 03/35900

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C37/84 C07C39/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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|------------|--|-----------------------|
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| Y | the whole document | 1,2,5,6, 12 |
| Y | ----- EP 0 558 214 A (GENERAL ELECTRIC CO) 1 September 1993 (1993-09-01) column 3, lines 36-44; example 1; claims | 1,2,6 |
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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